	ATTY. DOCKET NO. 0138.0041.US01	APPLICATION NO. 09/058,589
	APPLICANT Ian KIMBER, et al.	
	FILING DATE April 10, 1998	GROUP <del>1614</del> 1617

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.W. PSW	5,571,896	11/5/96	Conneely et al.	530	400	
S.W. PSW	5,571,697	11/5/96	Conneely et al.	435	69.7	
S.W. PSW	5,571,691	11/5/96	Conneely et al.	435	69.1	

## FOREIGN PATENT DOCUMENTS

			COUNTRY	CLASS	SUBCLASS	TRANSLATION
S.W. PSW	WO 97/05884 A1	2/20/1997	WO			
S.W. PSW	WO 98/06425	2/1988	WO			
S.W. PSW	O 5 06 651 B1	10/1996	Europe			
S.W. PSW	O 568 200 A2	11/1993	Europe			
S.W. PSW	O 629 347 B1	12/1994	Europe			
S.W. PSW	O 730 868 A1	9/1996	Europe			
S.W. PSW	O 753 308 A2	1/1997	Europe			
S.W. PSW	JP-A-8165248	6/25/96	Japan			
S.W. PSW	JP-A-63051337	3/4/86	Japan			
S.W. PSW	JP-A-7309771	11/28/95	Japan			

RECEIVED  
AUG 11 1998  
GROUP 1800

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

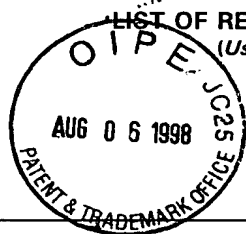
S.W. PSW	Appelmek, et al., "Lactoferrin is a Lipid A-Binding Protein," <i>Infection and Immunity</i> - 62(6):2628-2632 (1994)
S.W. PSW	Bellamy, et al., "Antibacterial Spectrum of Lactoferricin B, a Potent Bactericidal Peptide Derived from the N-Terminal Region of Bovine Lactoferrin," <i>J. of Applied Bacteriology</i> - 73:472-479 (1992)
S.W. PSW	Beutler, et al., "Passive Immunization Against Cachectin/Tumor Necrosis Factor Protects Mice from Lethal Effect of Endotoxin," <i>Science</i> - 229(4716):869-871 (1985)
S.W. PSW	Crouch, et al., "Regulation of Cytokine Release from Mononuclear Cells by the Iron-Binding Protein Lactoferrin," <i>Blood</i> - 80(1):235-240 (1992)
S.W. PSW	Cumberbatch, et al., "Modulation of Epidermal Langerhans' Cell Frequency by Tumour Necrosis Factor- $\alpha$ ," <i>Immunology</i> - 81:395-401 (1994)
S.W. PSW	Cumberbatch, et al., "Dermal Tumour Necrosis Factor- $\alpha$ Induces Dendritic Cell Migration to Draining Lymph Nodes, and Possibly Provides One Stimulus for Langerhans' Cell Migration," <i>Immunology</i> - 75:257-263 (1992)
S.W. PSW	Cumberbatch, et al., "Tumour Necrosis Factor- $\alpha$ is Required for Accumulation of Dendritic Cells in Draining Lymph Nodes and for Optimal Contact Sensitization," <i>Immunology</i> - 84:31-35 (1995)
S.W. PSW	Kimber, et al., "Contemporary Issues in Toxicology. - Dendritic Cells and Cutaneous Immune Responses to Chemical Allergens," <i>Toxicology and Applied Pharmacology</i> - 117:137-146 (1992)
S.W. PSW	Elison III, et al., "Killing of Gram-Negative Bacteria by Lactoferrin and Lysozyme," <i>J. Clin. Invest.</i> - 88:1080-1091 (1991)

EXAMINER <i>Amela S. Webber</i>	DATE CONSIDERED <i>2-25-2000</i> <i>March 3, 1999</i>
------------------------------------	---

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.

0138.0041.US01

APPLICATION NO.

09/058,589

APPLICANT

Ian KIMBER, et al.

FILING DATE

April 10, 1998

GROUP

1617 1617

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

S. W. P. S. W.	Enk, et al., "Early Molecular Events in the Induction Phase of Contact Sensitivity," <i>Proc. Natl. Acad. Sci.</i> - 89:1398-1402 (1992)
S. W. P. S. W.	Enk, et al., "Early Events in the Induction Phase of Contact Sensitivity," <i>J. Invest. Derm.</i> - 95(5):39S-41S (1992)
S. W. P. S. W.	Gilhar, et al., "In vivo Effects of Cytokines on Psoriatic Skin Grafted on Nude Mice: Involvement of the Tumour Necrosis Factor (TNF) Receptor," <i>Clin. Exp. Immunol.</i> - 106:134-142 (1996)
S. W. P. S. W.	Gutteberg, et al., "Early Response in Neonatal Septicemia. The Effect of <i>Escherichia Coli</i> , <i>Streptococcus Agalactiae</i> and Tumor Necrosis Factor on the Generation of Lactoferrin," <i>APMIS</i> - 98:1027-1032 (1990)
S. W. P. S. W.	Gutteberg, et al., "Early Response in Septicemia in Newborns and Their Mothers. - Effect of <i>Escherichia Coli</i> , <i>Streptococcus Agalactiae</i> and Tumor Necrosis Factor on Lactoferrin Release and the Generation of Tissue Thromboplastin," <i>APMIS</i> - 99:602-608 (1991)
S. W. P. S. W.	Gutteberg, et al., "The Production of Tumour Necrosis Factor, Tissue Thromboplastin, Lactoferrin and Cathespin C During Lipopolysaccharide Stimulation in Whole Blood," <i>Scand J. Clin. Lab. Invest.</i> - 50:421-427 (1990)
S. W. P. S. W.	Kunkel, et al., "Mechanisms that Regulate the Production and Effects of Tumor Necrosis Factor- $\alpha$ ," <i>Critical Reviews in Immunology</i> - 9(2):93-117 (1989)
S. W. P. S. W.	Lash, et al., "Plasma Lactoferrin Reflects granulocyte Activation <i>In Vivo</i> ," <i>Blood</i> - 61(5):885-888 (1983)
S. W. P. S. W.	Machnicki, et al., "Lactoferrin Regulates the Release of Tumour Necrosis Factor- $\alpha$ and Interleukin 6 <i>in vivo</i> ," <i>Int. J. Exp. Path.</i> - 74:433-439 (1993)
S. W. P. S. W.	Mänsson, et al., "Cytidine Deaminase Activity in Synovial Fluid of Patients with Rheumatoid Arthritis: Relation to Lactoferrin, Acidosis, and Cartilage Proteoglycan Release," <i>Annals of the Rheumatic Diseases</i> - 49:594-597 (1990)
S. W. P. S. W.	Seiichi, Shimamura 5 Mar 1996, "Preparation of lactoferin hydrolyzate for inhibition of bacteria translocation from the intestine to organs for infection control" Jpn Kokai Tokkyo Koho JP 08 89,500 (96 58,500) <i>Chemical Abstracts</i> Vol 124, No. 24, 1996
S. W. P. S. W.	Tracey, et al., "Cachectin/Tumor Necrosis Factor and Other Cytokines in Infectious Diseases," <i>Current Opinion in Immunology</i> - 1:454-461 (1989)
S. W. P. S. W.	Van Snick, et al., "The Involvement of Lactoferrin in the Hyposideremia of Acute Inflammation," <i>J. of Experimental Medicine</i> - 140:1068-1084 (1974)
S. W. P. S. W.	Waage, et al., "The Complex Pattern of Cytokines in Serum from Patients with Meningococcal Septic Shock," <i>J. Exp. Med.</i> - 169:333-338 (1989)

EXAMINER

Pamela S. Webster

DATE CONSIDERED

March 3, 1999

2-20-2000

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED  
AUG 11 1998  
GROUP 1800

## LIST OF REFERENCES CITED BY APPLICANT

EXAMINER'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

PTO FORM 1449

ATTORNEY DOCKET NO.

00138.0041.US01

APPLICATION SERIAL NO.

09/058,589

APPLICANT

Ian KIMBER *et al.*

FILING DATE

April 10, 1998

GROUP ART UNIT

~~1014~~ 1617

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
S.W.PSW	FR 2 641 696 A	20-07-90	France				
S.W.PSW	WO 97/45136 A	04-12-97	PCT WO				
S.W.PSW	FR 2 685 202 A	25-06-93	France				
S.W.PSW	FR 2 596 986 A	16-10-87	France				
S.W.PSW	WO 93/13790 A	22-07-93	PCT WO				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

S.W.PSW	Database WPI, Section CH, Week 9544, Derwent Publications Ltd., London, GB; Class B04, AN 95-340208 XP002070022 & JP 07 233 086 A (MORINAGA MILK IND CO. LTD.), see abstract
S.W.PSW	PATENT ABSTRACTS OF JAPAN, vol. 097, no. 004, 30 Apr 1997 & JP 08 333260 A (KAMINOMOTO HONPO:KK) 17 December 1996, see abstract
S.W.PSW	PATENT ABSTRACTS OF JAPAN, vol. 096, no. 003, 29 March 1996 & JP 07 300425 A (SNOW BRAND MILK PROD CO LTD), 14 November 1995, see abstract
S.W.PSW	PATENT ABSTRACTS OF JAPAN, vol. 096, no. 007, 31 July 1996 & JP 08 059450 A (KOSE CORP), 5 March 1996, see abstract
S.W.PSW	PATENT ABSTRACTS OF JAPAN, vol. 018, no. 251 (C-1199), 13 May 1994 & JP 06 032743 A (MORINAGA MILK IND CO LTD), 8 FEB 1994, see abstract
S.W.PSW	DATABASE WPI, Section CH, Week 9347, Derwent Publications Ltd., London, GB; Class B04, AN 93-374539 XP002070021 & JP 05 279 266 A (IMMUNO JAPAN KK), see abstract
S.W.PSW	PATENT ABSTRACTS OF JAPAN, vol. 097, no. 011, 28 November 1997 & JP 09 194388 A (MORINAGA MILK IND CO LTD), 29 July 1997, see abstract

EXAMINER

Pamela S. Webber

DATE CONSIDERED

2-25-2000  
march 3, 1999

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.